

## CLAIMS

- 1 1. A mounted electrophoretic display assembly, comprising:
  - 2 a flexible substrate;
  - 3 an electrical connection formed on said flexible substrate and having first and
  - 4 second contact pads spaced from one another;
  - 5 an electrophoretic display element in electrical communication with said first
  - 6 contact pad; and
  - 7 a control circuit mounted on said flexible substrate and in electrical communication
  - 8 with said second contact pad.
- 1 2. The display assembly of claim 1, wherein said control circuit is connected to said  
2 second contact pad with a curable, electrically conductive thermoset.
- 1 3. The display assembly of claim 1, wherein said control circuit is connected to said  
2 second contact pad with an electrically conductive ink.
- 1 4. The display assembly of claim 1, wherein said control circuit is connected to said  
2 second contact pad with an electrically conductive paint.
- 1 5. The display assembly of claim 1, wherein said control circuit is connected to said  
2 second contact pad by being removably mounted in a control circuit carrier that is in  
3 electrical communication with said second contact pad.
- 1 6. The display assembly of claim 1 wherein said control circuit comprises an  
2 electrophoretic display driver chip.
- 1 7. A method of manufacturing an electrophoretic display assembly, comprising the steps  
2 of:
  - 3 providing a flexible substrate;

4 forming upon said substrate an electrical connection having a first contact pad and a  
5 second contact pad spaced from one another;  
6 mounting upon said substrate a control circuit in electrical communication with said  
7 second contact pad; and  
8 providing an electrophoretic display element in electrical communication with said  
9 first contact pad.

1 8. The method of claim 7, wherein the step of forming upon said substrate an electrical  
2 connection comprises a printing process.

1 9. The method of claim 7, wherein the step of providing an electrophoretic display  
2 element comprises a printing process.

1 10. A method of manufacturing an electrophoretic display assembly, comprising the  
2 steps of:  
3 providing a first flexible substrate;  
4 forming upon said first flexible substrate an electrical connection having a first  
5 contact pad and a second contact pad separated from each other;  
6 mounting on said first flexible substrate a control circuit in electrical  
7 communication with said second contact pad;  
8 providing a second flexible substrate;  
9 disposing upon said second flexible substrate an electrophoretic display element;  
10 and  
11 disposing said first flexible substrate adjacent said second flexible substrate so that  
12 said first contact pad addresses said electrophoretic display element.

1 11. The method of claim 10, wherein the step of disposing upon said second flexible  
2 substrate an electrophoretic display element comprises a printing process.

1 12. The method of claim 10, wherein the step of disposing said first flexible substrate  
2 adjacent said second flexible substrate further comprises a laminating process.